

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	216	(524/805).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L2	757	(524/544).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L3	236	(524/755).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L4	259	(524/167).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L5	508	(521/28).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L6	442	(528/494).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L7	660	(528/495).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:47
L8	1113	(528/499).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:48
L9	353	(528/482).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:48
L10	1086	(528/501).OCLS.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:48
L11	2506	(daikin).as.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:48
L12	67	(Tatemoto near5 Masayoshi). in. OR (Arase near5 Takuya). in. OR (Ino near5 Tadashi).in.	US-PGPUB; USPAT	OR	OFF	2010/05/18 10:48
L13	375	(fluoropolymer OR NAFION\$) AND (polymer) with (particle OR particulate OR latex Or micro\$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2010/05/18 10:48
L14	23	(fluoropolymer near aqueous near dispersion) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2010/05/18 10:48

L15	654	(fluoropolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$ OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2010/05/18 10:48
L16	252	(fluoropolymer OR NAFION\$) SAME (particle OR particulate OR latex Or micro\$2particl\$ OR micro\$2particulat\$) with ((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2010/05/18 10:49
L17	400	L15 NOT (L13 Or L16)	US-PGPUB; USPAT	OR	ON	2010/05/18 10:49
L18	380	L17 AND (dispersion OR dispersed OR dispersing)	US-PGPUB; USPAT	OR	ON	2010/05/18 10:49
L19	400	L15 NOT (L13 Or L16)	US-PGPUB; USPAT	OR	ON	2010/05/18 10:49
S1	1	"10/518052"	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:08
S2	2085	(daikin).as.	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:10
S3	62	(Tatemoto near5 Masayoshi). in. OR (Arase near5 Takuya). in. OR (Ino near5 Tadashi).in.	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:11
S4	2101	(S2) OR (S3)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:12
S5	46	(S2) AND (S3)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:12
S6	66	(S2) AND (fluoropolymer)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:19
S7	5	(S2) AND (fluoropolymer) AND (sulfonic near5 acid near5 group)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:19
S8	917	(fluoropolymer) near5 (dispersion)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:31
S9	4	((fluoropolymer) near5 (dispersion)) AND (fluoropolymer near5 acid near5 salt near5 group)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:31
S10	574	((fluoropolymer) near5 (dispersion) near5 (water Or aqueous))	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:32
S11	242	((fluoropolymer) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol OR tetrafluoropropanol)	US-PGPUB; USPAT	OR	OFF	2008/11/07 06:37

S12	310	((fluoropolymer OR (fluorinat\$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol OR tetrafluoropropanol)	US-PGPUB; USPAT	OR	OFF	2008/11/07 07:28
S13	310	((fluoropolymer OR (fluorinat\$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol)	US-PGPUB; USPAT	OR	OFF	2008/11/07 07:28
S14	26	((fluoropolymer OR (fluorinat\$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol) AND (((fluoropolymer) OR (fluorinat\$3 near5 polymer)) near5 (salt))	US-PGPUB; USPAT	OR	OFF	2008/11/07 07:29
S15	16	(S2) AND ((fluoropolymer OR (fluorinat\$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous))	US-PGPUB; USPAT	OR	OFF	2008/11/07 07:32
S16	1	("6274677").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/07 07:41
S17	18	("4804727" "5981673").PN. OR ("6274677").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 07:42
S18	85	("20020014405" "20020040106" "20030032739" "20030092940" "20030181572" "20030181615" "20030208014" "20040241518" "20050107488" "20050107489" "20050107490" "20050107532" "20050113528" "20050131096" "20050131097" "20050137351" "3282875" "3635926" "3784399" "3853828" "4000356" "4073752" "4169023" "4214060" "4218542" "4230549" "4242498" "4268650" "4281092" "4330654" "4334082" "4391844" "4414159" "4440917" "4454247" "4470889" "4508603" "4602045" "4686024" "4734474" "4743419" "4755567" "4981932"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 07:44

		"5260351" "5264508" "5330626" "5466930" "5527861" "5608022" "5693748" "5795496" "5798417" "5804650" "5852148" "5986012" "6011074" "6090895" "6224994" "6225368" "6242123" "6248469" "6254978" "6255370" "6274677" "6277512" "6355370" "6365769" "6380337" "6387964" "6423784" "6426397" "6462228" "6498216" "6503378" "6552135" "6624328" "6649703" "6667377" "6670424" "6872781" "RE37307" "RE37656" "RE37701").PN. OR ("7071271").URPN.				
S19	4	(S18) AND ((fluoromonomer) OR (fluoropolymer)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 07:59
S20	2318	(fluorovinyl near5 ether) ((fluoromonomer) OR (fluoropolymer)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:04
S21	27	(fluorovinyl near5 ether) AND ((fluoromonomer) OR (fluoropolymer)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:04
S22	2	"JP 11335346"	EPO; JPO; DERWENT	OR	OFF	2008/11/07 08:09
S23	2	"JP 09161804"	EPO; JPO; DERWENT	OR	OFF	2008/11/07 08:10
S24	0	"JP 417949"	EPO; JPO; DERWENT	OR	OFF	2008/11/07 08:11
S25	0	"JP 0417949"	EPO; JPO; DERWENT	OR	OFF	2008/11/07 08:11
S26	0	(S4) AND (fluoropolymer near5 dispersion)	US-PGPUB; USPAT	OR	OFF	2008/11/07 08:13
S27	21	(S4) AND (fluoropolymer near5 dispersion)	US-PGPUB; USPAT	OR	OFF	2008/11/07 08:13
S28	12	("4036802" "4038231" "4564561" "4780490").PN. OR ("5164426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:15
S29	46	(fluoropolymer near5 (acid Or salt) near5 group)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:23
S30	9	(fluoropolymer near5 (acid Or salt) near5 group) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:23

S31	179	(fluoropolymer near5 (acid Or salt)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:24
S32	1	("6150426").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/07 08:27
S33	22	("3282875" "3692569" "4348310" "4358545" "4433082" "4453991" "4540716" "4650551" "4650711" "4661411" "4731263" "4831118" "4940525" "5118869" "5124299" "5912280").PN. OR ("6150426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:27
S34	84	("3282875" "3909378" "4025405" "4065366" "4116888" "4123336" "4126588" "4151052" "4176215" "4178218" "4192725" "4209635" "4212713" "4251333" "4270996" "4329434" "4329435" "4330654" "4337137" "4337211" "4340680" "4357218" "4358412" "4358545" "4417969" "4462877" "4470889" "4478695" "4515989" "4554112" "4578512" "4687821").PN. OR ("4940525").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:29
S35	0	(S34) AND (aqueous near5 disperion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:30
S36	26	(S34) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:30
S37	0	(do near5 chemical).as. AND (fluoropolymer) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:33
S38	0	(do near5 chemical).as. AND (fluoropolymer) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 08:33
S39	0	(do near5 chemical).as. AND (fluoropolymer) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 08:33
S40	27	(dow near5 chemical).as. AND (fluoropolymer) AND (aqueous near5 dispersion)	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/07 08:33
S41	2	"10/478617"	US-PGPUB; USPAT	OR	ON	2008/11/07 08:50
S42	454	(shosho).xa. Or (shosho).xp.	US-PGPUB; USPAT	OR	ON	2008/11/07 09:51
S43	8	(S42) AND (march)	US-PGPUB; USPAT	OR	ON	2008/11/07 09:51

S44	479	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter)	US-PGPUB; USPAT	OR	ON	2008/11/07 09:53
S45	348	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 (particle OR particulate)	US-PGPUB; USPAT	OR	ON	2008/11/07 09:54
S46	149	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 (particle OR particulate) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 09:54
S47	24	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 (particle OR particulate) near5 "nm"	US-PGPUB; USPAT	OR	ON	2008/11/07 10:07
S48	25	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 "nm"	US-PGPUB; USPAT	OR	ON	2008/11/07 10:08
S49	16	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 "nm"	US-PGPUB; USPAT	OR	ON	2008/11/07 10:11
S50	16	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 ("nm" or ".mu.")	US-PGPUB; USPAT	OR	ON	2008/11/07 10:11
S51	16	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near10 ("nm" or ".mu.")	US-PGPUB; USPAT	OR	ON	2008/11/07 10:11
S52	16	((emulsion) adj (polymerized OR polymeriz\$5)) near10 (conventional\$4 or typical\$4) near5 (size OR diameter) near10 ("nm" or ".mu.")	US-PGPUB; USPAT	OR	ON	2008/11/07 10:11
S53	30	((emulsion) adj (polymerized OR polymeriz\$5)) near10 (conventional\$4 or typical\$4) near10 (size OR diameter) near10 ("nm" or ".mu.")	US-PGPUB; USPAT	OR	ON	2008/11/07 10:11

S54	46511	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion near5 pa(particle or particulate) near5 (size or diameter) near5 "nm"	US-PGPUB; USPAT	OR	ON	2008/11/07 10:13
S55	3	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion near5 (particle or particulate) near5 (size or diameter) near5 "nm"	US-PGPUB; USPAT	OR	ON	2008/11/07 10:13
S56	11	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion SAME ((particle or particulate) near5 (size or diameter) near5 "nm")	US-PGPUB; USPAT	OR	ON	2008/11/07 10:15
S57	11	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion SAME ((particle or particulate) near5 (size or diameter) near5 ("nm" OR ".mu."))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:15
S58	4	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion SAME ((particle or particulate) near5 (diameter) near5 ("nm" OR ".mu."))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:18
S59	40	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion AND ((particle or particulate) near5 (diameter) near5 ("nm" OR ".mu."))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:18
S60	40	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion) AND ((particle or particulate) near5 (diameter) near5 ("nm" OR ".mu."))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:19
S61	50	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion) AND ((particle or particulate) near5 (diameter OR size) near5 ("nm" OR ".mu."))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:20

S62	54	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer near5 dispersion) AND ((particle or particulate) near5 (diameter OR size) near5 ("nm" OR ".mu." or micron))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:20
S63	147	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer) AND ((particle or particulate) near5 (diameter OR size) near5 ("nm" OR ".mu." or micron))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:21
S64	134	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer) AND ((particle or particulate) near5 (diameter OR size) near5 ("nm" OR ".mu." or micron)) AND ((aqueous OR water) near5 (dispersion))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:21
S65	104	((emulsion) adj (polymerized OR polymeriz\$5)) near5 fluoropolymer) AND ((particle or particulate) near5 (diameter OR size) near5 ("nm" OR ".mu." or micron)) AND ((aqueous OR water) near5 (dispersion) near5 (fluoropolymer))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:22
S66	0	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (fluoropolymer) near5 (particle or particulate) near5 (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:25
S67	8	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (fluoropolymer) near5 (particle or particulate)) AND (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:25
S68	21	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (fluoropolymer)) AND ((fluoropolymer) near5 (particle or particulate)) AND (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:26
S69	32	((emulsion) adj (polymerized OR polymeriz\$5)) near10 (fluoropolymer)) AND ((fluoropolymer) near5 (particle or particulate)) AND (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:27

S70	33	((emulsion) adj (polymerized OR polymeriz\$5)) near10 (fluoropolymer)) AND ((fluoropolymer) near10 (particle or particulate)) AND (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:28
S71	11	((emulsion) adj (polymerized OR polymeriz\$5)) near10 (fluoropolymer)) AND ((fluoropolymer) near10 (particle or particulate) near10 (spherical))	US-PGPUB; USPAT	OR	ON	2008/11/07 10:28
S72	258	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (spherical)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:28
S73	9	((emulsion) adj (polymerized OR polymeriz\$5)) near5 (spherical) near5 (typical\$3 or conventional\$3)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:29
S74	1	("5747611").URPN.	USPAT	OR	OFF	2008/11/07 10:55
S75	0	(spherical near5 polymer\$3 near5 (particle Or particulate))	USPAT	OR	ON	2008/11/07 10:56
S76	2012	(spherical near5 polymer\$3 near5 (particle Or particulate))	USPAT	OR	ON	2008/11/07 10:56
S77	163	(spherical near5 polymer\$3 near5 (particle Or particulate)) SAME (emulsion near5 polymerization)	USPAT	OR	ON	2008/11/07 10:56
S78	30	(spherical near5 polymer\$3 near5 (particle Or particulate)) near5 (emulsion near5 polymerization)	USPAT	OR	ON	2008/11/07 10:56
S79	47	(spherical near5 polymer\$3 near5 (particle Or particulate)) near5 (emulsion near5 polymerization)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:57
S80	4	(spherical near5 polymer\$3 near5 (particle Or particulate)) near5 (emulsion near5 polymerization)	USOCR	OR	ON	2008/11/07 10:57
S81	0	(spherical near5 polymer\$3 near5 (particle Or particulate)) near5 (emulsion near5 polymerization) near5 (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:58
S82	11	(spherical near5 polymer\$3 near5 (particle Or particulate)) SAME (emulsion near5 polymerization) SAME (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 10:58

S84	14536	(du near5 pont).as.	US-PGPUB; USPAT	OR	ON	2008/11/07 11:27
S85	2478	(bekiarian).in. OR (farnham)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:28
S86	406	(bekiarian).in. OR (farnham). in.	US-PGPUB; USPAT	OR	ON	2008/11/07 11:28
S88	59	(S84) AND (S86)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:28
S89	0	(S84) AND (S86) AND (fluoropolymer)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:28
S90	14	(S84) AND (S86) AND (fluoropolymer)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:28
S91	426	(nafion) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:32
S92	426	(nafion) AND (aqueous near5 dispersion) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:32
S93	386	(nafion) AND (aqueous near5 dispersion) AND (particulate Or particle)	US-PGPUB; USPAT	OR	ON	2008/11/07 11:32
S94	1	("4433082").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/07 11:38
S95	58	(nafion) AND (aqueous near5 dispersion) AND ((particulate Or particle) near5 (spherical))	US-PGPUB; USPAT	OR	ON	2008/11/07 11:40
S96	129	(nafion) AND ((aqueous near5 dispersion) near5 (particulate Or particle))	US-PGPUB; USPAT	OR	ON	2008/11/07 11:44
S97	2	((("259752") or ("2593583")). PN.	US-PGPUB; USPAT	OR	OFF	2008/11/07 13:06
S98	4	((("259752") or ("2593583")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 13:07
S99	3	((("3282875") or ("3041317") or ("3718627") or ("3560568")).PN.	USOCR	OR	OFF	2008/11/07 13:09
S100	7	((("3282875") or ("3041317") or ("3718627") or ("3560568")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/07 13:09
S101	0	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER) SAME (sidechain)	US-PGPUB; USPAT	OR	OFF	2008/11/07 13:11
S102	0	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER) SAME (sidechain)	US-PGPUB; USPAT	OR	OFF	2008/11/07 13:12
S103	0	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER) SAME (side \$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:12

S104	0	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER) SAME (side \$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:12
S105	66	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:12
S106	0	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER) AND (side\$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:12
S107	0	(FLUOROCARBON near5 VINYL near5 ETHER) AND (side\$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:12
S108	1	(FLUoRopolymer near5 VINYL near5 ETHER) AND (side \$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:13
S109	0	(FLUoRopolymer) AND (VINYL near5 ETHER near5 side\$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:13
S110	67	(FLUoRopolymer) AND (VINYL near5 ETHER) and (side\$2chain)	US-PGPUB; USPAT	OR	ON	2008/11/07 13:14
S111	190	(fluorovinyl near5 ether) and (emulsion near5 polymerization)	US-PGPUB; USPAT	OR	ON	2008/11/07 14:33
S112	0	(fluorovinyl near5 ether) and (emulsion near5 polymerization) AND (aqueous near5 disperion)	US-PGPUB; USPAT	OR	ON	2008/11/07 14:34
S113	73	(fluorovinyl near5 ether) and (emulsion near5 polymerization) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 14:34
S114	26	(fluorovinyl near5 ether) and (emulsion near5 polymerization) AND (aqueous near5 dispersion) AND (hydrolysis)	US-PGPUB; USPAT	OR	ON	2008/11/07 14:34
S115	10	(fluorovinyl near5 ether) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 15:29
S116	111	(fluoropolymer) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 15:30

S117	15	(fluoropolymer near aqueous near dispersion) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2008/11/07 15:32
S118	202	(524/805).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S119	685	(524/544).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S120	231	(524/755).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S121	255	(524/167).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S122	498	(521/28).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S123	438	(528/494).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S124	648	(528/495).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S125	1098	(528/499).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:55
S126	347	(528/482).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:56
S127	1075	(528/501).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:56
S128	168	(spherical near5 polymer\$3 near5 (particle Or particulate)) SAME (emulsion near5 polymerization)	USPAT	OR	ON	2009/05/18 16:56
S129	18	(fluoropolymer near aqueous near dispersion) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56
S130	334	((fluoropolymer OR (fluorinat \$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol OR tetrafluoropropanol)	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:56
S131	24	(emulsion adj polymerized OR polymeriz\$5) near5 (conventional\$4 or typical\$4) near5 (size OR diameter) near5 (particle OR particulate) near5 "nm"	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56

S132	11	(spherical near5 polymer\$3 near5 (particle Or particulate)) SAME (emulsion near5 polymerization) SAME (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56
S133	66	(FLUOROCARBON near5 VINYL near5 ETHER near5 POLYMER)	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56
S134	134	(nafion) AND ((aqueous near5 dispersion) near5 (particulate Or particle))	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56
S135	26	((fluoropolymer OR (fluorinat\$3 near5 polymer)) near5 (dispersion) near5 (water Or aqueous)) AND (methanol Or ethanol OR propanol) AND (((fluoropolymer) OR (fluorinat\$3 near5 polymer)) near5 (salt))	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:56
S136	18	(fluoropolymer near aqueous near dispersion) AND ((emulsion near5 polymerization) SAME (hydrolysis OR hydrolyz\$4)) AND (aqueous near5 dispersion)	US-PGPUB; USPAT	OR	ON	2009/05/18 16:56
S137	621	((fluoropolymer) near5 (dispersion) near5 (water Or aqueous))	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:57
S138	2214	(daikin).as.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:57
S139	65	(Tatemoto near5 Masayoshi).in. OR (Arase near5 Takuya).in. OR (Ino near5 Tadashi).in.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:57
S140	49	(S138) AND (S139)	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:57
S141	3	((("3462401") or ("3726483") or ("3819594")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/18 16:57
S142	0	"EP 0222945"	EPO	OR	OFF	2009/05/18 16:59
S143	1	"EP 222945"	EPO	OR	OFF	2009/05/18 16:59
S144	1	"EP 226668"	EPO	OR	OFF	2009/05/18 16:59
S145	1	("20030176534").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 08:03
S146	1	("20040094067").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 08:08
S147	1	"11/059325"	US-PGPUB; USPAT	OR	OFF	2009/05/19 08:31

S148	1	("20030176534").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 09:07
S149	1	(10/375775).APP.	USPAT; USOCR	OR	OFF	2009/05/19 09:07
S150	47081	((fluoropolymer) OR (fluorinat\$4 near5 (polymer Or resin)))	US-PGPUB; USPAT	OR	ON	2009/10/28 07:47
S151	3516	S150 with (particle OR particulate)	US-PGPUB; USPAT	OR	ON	2009/10/28 07:47
S152	78	S150 with (particle OR particulate) with ((low near5 aspect near5 ratio) OR (spheric\$4))	US-PGPUB; USPAT	OR	ON	2009/10/28 07:48
S153	78	(S150 OR (perfluorinat\$ near5 vinyl near5 ether)) with (particle OR particulate) with ((low near5 aspect near5 ratio) OR (spheric\$4))	US-PGPUB; USPAT	OR	ON	2009/10/28 07:53
S154	78	(S150 OR (perfluorinat\$ near5 vinyl near5 ether) OR (perfluorinat\$ near3 (resin or copolymer OR polymer))) with (particle OR particulate) with ((low near5 aspect near5 ratio) OR (spheric\$4))	US-PGPUB; USPAT	OR	ON	2009/10/28 07:57
S155	143	(S150 OR (perfluorinat\$ near5 vinyl near5 ether) OR (perfluorinat\$ near3 (resin or copolymer OR polymer))) with (particle OR particulate) SAME ((low near5 aspect near5 ratio) OR (spheric\$4))	US-PGPUB; USPAT	OR	ON	2009/10/28 07:57
S156	65	S155 NOT S154	US-PGPUB; USPAT	OR	ON	2009/10/28 07:58
S157	1	(10/957898).APP.	USPAT; USOCR	OR	OFF	2009/10/28 08:04
S158	1	("4326046").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/28 08:05
S159	15393	(S150 OR (perfluorinat\$ near5 vinyl near5 ether) OR (perfluorinat\$ near3 (resin or copolymer OR polymer)) OR PTFE OR (polymer OR resin OR copolymer)) with (particle OR particulate) SAME ((low near5 aspect near5 ratio) OR (spheric\$4))	US-PGPUB; USPAT	OR	ON	2009/10/28 08:07
S160	1420	S159 AND ((S150) OR (perfluorinat\$ near5 vinyl near5 ether) OR (perfluorinat\$ near3 (resin or copolymer OR polymer)))	US-PGPUB; USPAT	OR	ON	2009/10/28 08:08

S161	9	S159 AND ((S150) OR (perfluorinat\$ near5 vinyl near5 ether) OR (perfluorinat\$ near3 (resin or copolymer OR polymer))) with (ionic adj group)	US-PGPUB; USPAT	OR	ON	2009/10/28 08:08
S162	53	("20030130458" "2037953" "2434058" "2965595" "3037953" "3142665" "3489595" "3692569" "4029868" "4112211" "4277586" "4282162" "4326046" "4369266" "4391940" "4439385" "4623487" "4864006" "4940525" "5001278" "5039389" "5229480" "5285002" "5576381" "5608022" "5688884" "5700859" "5763552" "5804650" "5895799" "5955556" "5973091" "6025307" "6103843" "6126849" "6395848" "6429258" "6566452" "6642307" "6693152" "6706193" "6720437" "6767977" "6825250" "6833403" "7041728").PN. OR ("7342066").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 08:09
S163	13399	(vinylidene near3 fluoride near5 (resin or copolymer or polymer))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/28 08:15
S164	12717	(vinylidene near3 fluoride near5 (resin or copolymer or polymer))	US-PGPUB; USPAT	OR	ON	2009/10/28 08:15
S165	6406	(vinylidene near3 fluoride near5 (resin or copolymer or polymer)) AND (disperion OR dispersed)	US-PGPUB; USPAT	OR	ON	2009/10/28 08:15
S166	5490	(vinylidene near3 fluoride near5 (resin or copolymer or polymer)) AND (disperion OR dispersed) AND (particle OR particulate OR latex)	US-PGPUB; USPAT	OR	ON	2009/10/28 08:15
S167	1264	(vinylidene near3 fluoride near5 (resin or copolymer or polymer)) AND (disperion OR dispersed) AND (particle OR particulate OR latex) with ((low near3 aspect near3 ratio) OR (spheric\$3))	US-PGPUB; USPAT	OR	ON	2009/10/28 08:16

S168	45	(vinylidene near3 fluoride near5 (resin or copolymer or polymer)) AND (disperion OR dispersed) AND (particle OR particulate OR latex) with ((low near3 aspect near3 ratio) OR (spheric\$3)) AND (ionic near3 group)	US-PGPUB; USPAT	OR	ON	2009/10/28 08:16
S169	2331	(daikin).as.	US-PGPUB; USPAT	OR	OFF	2009/10/28 14:05
S170	65	(Tatemoto near5 Masayoshi).in. OR (Arase near5 Takuya).in. OR (Ino near5 Tadashi).in.	US-PGPUB; USPAT	OR	OFF	2009/10/28 14:05
S171	49	(S169) AND (S170)	US-PGPUB; USPAT	OR	OFF	2009/10/28 14:05
S172	96	(S169) AND (fluoropolymer)	US-PGPUB; USPAT	OR	OFF	2009/10/28 14:05
S173	9	(S169) AND (fluoropolymer) AND (sulfonic near5 acid near5 group)	US-PGPUB; USPAT	OR	OFF	2009/10/28 14:05
S174	12	(S169) AND (fluoropolymer) AND (particle OR particulate OR latex) AND ((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:07
S175	2775	(fluoropolymer OR NAFION\$) AND (particle OR particulate OR latex) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:09
S176	238	(fluoropolymer OR NAFION\$) SAME (particle OR particulate OR latex) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:09
S177	239	(fluoropolymer OR NAFION\$) SAME (particle OR particulate OR latex Or micro\$2particl\$ OR micro\$2particulat\$) with ((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:26
S178	348	(fluoropolymer OR NAFION\$) AND (polymer) with (particle OR particulate OR latex Or micro\$2particl\$ OR micro\$2particulat\$) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:26
S179	14677	S178 NAD S177	US-PGPUB; USPAT	OR	ON	2009/10/28 14:26
S180	327	S178 NOT S177	US-PGPUB; USPAT	OR	ON	2009/10/28 14:26

S181	316	(fluoropolymer) AND (polymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:43
S182	0	S181 NOT (S178 Or S177)	US-PGPUB; USPAT	OR	ON	2009/10/28 14:43
S183	214	(fluoropolymer) SAME (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 14:43
S184	0	S183 NOT (S178 Or S177)	US-PGPUB; USPAT	OR	ON	2009/10/28 14:44
S185	604	(fluoropolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio))	US-PGPUB; USPAT	OR	ON	2009/10/28 15:19
S186	0	(fluoropolymer OR flurocopolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio)) AND ((fluoropolymer OR flurocopolymer) with (pedant near3 group))	US-PGPUB; USPAT	OR	ON	2009/10/28 15:20
S187	1	(fluoropolymer OR flurocopolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$) OR (aspect near5 ratio)) AND ((fluoropolymer OR flurocopolymer) with (pendant near3 group))	US-PGPUB; USPAT	OR	ON	2009/10/28 15:20

S188	79	(fluoropolymer OR fluocopolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$ OR (aspect near5 ratio)) AND ((fluoropolymer OR fluocopolymer) with (pendant near3 group) OR (ionic near5 group) OR (polar near5 group)))	US-PGPUB; USPAT	OR	ON	2009/10/28 15:21
S189	6	(fluoropolymer OR fluocopolymer) with (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) AND (nano \$2particle OR particle OR particulate OR latex Or micro \$2particl\$ OR micro \$2particulat\$) with((spheric\$ OR (aspect near5 ratio)) AND ((fluoropolymer OR fluocopolymer) with ((pendant near3 group) OR (ionic near5 group) OR (polar near5 group))))	US-PGPUB; USPAT	OR	ON	2009/10/28 15:21
S190	370	S185 NOT (S178 Or S177)	US-PGPUB; USPAT	OR	ON	2009/10/28 15:22
S191	352	S190 AND (dispersion OR dispersed OR dispersing)	US-PGPUB; USPAT	OR	ON	2009/10/28 15:22
S192	1	("6,585,989").PN.	US-PGPUB; USPAT	OR	OFF	2009/10/29 11:03

5/ 18/ 2010 10:49:36 AM

C:\ Documents and Settings\ akollias\ My Documents\ EAST\ Workspaces\ 10518052-nf.wsp